### WELL. THE OLD BOYS ARE PRETTY NEUTRAL AT THAT.

CERTAINLY!

THESE CAPS

WORLD TO

KNOW IT



### -By BUD FISHER.



-By Webster.

# **GOES TO EXPLORE** HOMES IN CLIFFS

Dr. J. Walter Fewkes to Make Study of Ruins in Mesa Verde.

### SOME OF THE STRUCTURES LIKE GIGANTIC HOTELS

Early Settlers Apparently More Interested in Cooking Than in Sanitation and Ventilation.

Dr. J. Walter Fewkes of the Smith-

conian bureau of American ethnology left recently for Mesa Verde National Park, in southwestern Colorado, to continue the supervision of excavation and repair on the prehistoric cliff, dwellings in the vicinity of Cliff Palace and Spruce Tree House, under an appropriation from the Interior Department. The operations to be undertaken this summer are in continuation of much previous work carried on under Dr. Fewkes' direction to preserve these re-markable ruins of the American cliff dwellers, supposed to be the ancestors of the Pueblo Indians. Three of the

ruins, Spruce Tree House, Cliff Palace and Balcony House, have been put in shape, so that they are available for inspection to the many visitors at the park, and the present season will be devoted to work on Community House, a ruin located two miles southeast of

### Found Town in Ruins.

Spruce Tree House.

The Mesa Verde ruins are situated of the Mesa Verde in Montezuma County. Col., in the side canyon of the Mancos, and are regarded as the largest and most remarkable examples of cliff dwellings in the United States. These ruins were discovered in 1888, although some smaller ones not far distant were found fourteen years before. In that year two ranchers riding over the mesa and through its labyrinth of canyons in search of stray cattle suddenly came when a deep canyon, and beheld in a in search of stray cattle suddenly came upon a deep canyon, and beheld in a great cavern in the opposite cliff a whole town in ruins, its crumbling buildings, walls and towers unmistakably the work of prehistoric man. It looked to their astonished eyes like a palace in a cliff, and so they named it Cliff Palace. On the same day they discovered, not far away, another large cliff dwelling, which they named Spruce Tree House after a giant spruce tree which grew in front of the ancient ruins.

During the course of the next few years these ranchers and their brothers, who were named Witherill, explored the whole mesa and excavated in many places, gaining a vast knowledge of these early inhabitants, and a fine collection of ancient skulls, pottery and implements of stone, bone and wood. Since that time the government, through the bureau of American ethnology and the Interior Department, has sent exploring parties which have added to the National Museum a series of objects illustrating the life, customs and arts of the prehistoric American people who once inhabited works."

cause it would result in the interference with the repairs in the track for a very much shorter time than if the dire were handled in any other way.

"A permit has therefore been rendered for the crossing of the driveway on B street by a railroad track for this purpose, with certain conditions inserted to retain proper control and observe proper safeguards. To prevent any accidents to the public the part of the driveway in which is included this track and the one already erected over the driveway for the Lincoln memorial will be closed for a period of three months." During the course of the next few tery and implements of stone, hone and wood. Since that time the government, through the bureau of American ethnology and the Interior Department, has sent exploring parties which have added to the National Museum a series of objects illustrating the life, customs and arts of the prehistoric American people who once inhabited these cliff-dwellings. About 1905 the Mesa Verde was made a national park and placed in charge of the Interior Department. A scenic road has been constructed, over which one can now ride from the town Mancos on the Denver and Rio Grande railroad to the largest of the ruins. Progress has been made in the excavation and repair of the ruins, and the public may now visit these ancient villages and gain a good idea of the dwellings in which the native inhabitants lived.

### Like a Gigantic Hotel.

In a report published by the bureau of American ethnology Dr. Fewkes describes in detail the architecture of Spruce Tree House, and points out prominent features of this village. It has a distinct likeness to a gigantic hotel built in a cave with a crescentabout fifty feet above the bottom of the canyon and the roof eighty feet high. Its total length is 216 feet, and its greatest width eighty-nine feet. In places the rooms were originally three stories in height, the final story at present having no roof except the top of the cave, but most of the rooms now to be seen are on the first floor, although in some places a second story is still standing. There have been traced 114 separate rooms in this great structure, besides eight subterranean ceremonial chambers, known as kivas. It has been determined that at least fourteen of the rooms were used for storage and other purposes, in the floors of some of which human skeletons have been found. The remaining 100 rooms were used as dwelling places, and it has been estimated that the building had a population of about 350 natives. about fifty feet above the bottom of

building had a population of about 350 natives.

It seems from the character of the rooms that no premeditated plan was followed in the construction of this village; a few rooms were first built and additions made as the population increased. The arch of the early form found among the ruins of Central America was unknown to these early builders. Their doorways are of rectangular form slightly narrower at the top and capped with lintel, although some of them have a T-form and are placed well up on the walls, being reached by ladders. Cooking was evidently practiced on the roofs or in the corners, judging from the amount of goot on the walls, but there was little pretension among the dwellers for light, air or sanitation.

Had Over 200 Rooms.

Like Spruce Tree House, it sets within a cave, the roof of which arches about seventy-five feet above it, and is located in Cliff canyon, the floor of which is several hundred feet above the level of the canyon. It is approached by means of steps cut in the rock and ladders. The buildings almost completely fill the 300-foot frontage of the cave, which is, as a rule, level, although at one end there is a series of terraces rising one above the other extending from the loose, crumbling rocks in front of the cliff back to the solid wall itself.

Deep under the debris which covered the lower entrance of Cliff Palace the excavators found the ancient entrance to the building, which leads by a gradual slope to the center of the village. This pathway extends parallel with the high front wall of a centrally located kiva and passes to a large rock, in which footholds were cut, after which it enters the lower level of the village through a narrow court with high walls, by means of a movable ladder resting on the main floor of the extension of the search of the twenty-three rooms in which ceremonies are supposed to have been performed by the ancients. Evidently there were several clans in each section of these great dwellings, and the buildings are arranged in groups or sections around plazas or central courts. These wonderful archeological ruins present to the visitor unusual opportunities to see the early type of dwellings, and offer to the student opportunities to see the early type of dwellings, and offer to the student opportunity to study early life, construction in buildings and religious and secular ceremonies of the ancient cliff dwellers.

TRACK IN POTOMAC PARK

### TRACK IN POTOMAC PARK TO BE A PUBLIC BENEFIT

Secretary Garrison Explains and Justifies Issuing Permit for Temporary Railroad.

Secretary Garrison has issued a statement in explanation of his action in giving a permit for laying a railroad track into Potomac Park at 21st street, as follows: "The facts with respect to the con-

accident.

The department has commended Frank James, seaman, on the cruiser Chattanooga, for saving, with considerable risk to himself, two women from being struck by an automobile at the San Francisco exposition.

Early Fall Weddings.

Consult Gude about the flowers and floral decorations. Estimates given. 1214 F st.—Advertisement.

### REPAIRING DAMAGED LAUNCH.

### Sinking of Virginia Elizabeth Result of Vessel Being Stolen.

To receive a general overhauling, made necessary by the boat having sunk in a heavy gale in the early part of this month, the power launch Virginia Elizabeth, belonging to E. G. and Frank Gummell of this city, is out on the marine railway at Regan's yard.

The launch, before the accident, was

hemselves with pickles, cakes and the refuse of the pushcart. Chronic indigestion is the only price these street children pay for this market food. But the cost to the community in wasted effort to educate such groups of children, labeled backward or indolent in school, while in reality half nourished is greater than that of the school luncheons now provided by some com munities. These findings are the result of the first organized attempt at supervising the life and labor of boys and girls on the street.

### Observation in Many Cities.

The work was undertaken under the spices of the Boston school board. with the idea of discovering how seri-

conclusion: The street, though unfit for aside for play under supervision. There intendent of police, as guests, the East play, is, nevertheless, the playground of is precedent in other fields for such Washington Citizens' Association Wedges of the children of most trafficless streets.

sized a half mile away from the ship.

The people were rescued within eight minutes.

The department commended William Eddinger, fireman, for gallantry in jumping overboard from a steam launch of the cruiser West Virginia and rescuing a man and child, and commended James E. M. Lord, coxswain, and Willard D. Adams, fireman, for promptly taking the launch to the scene of the accident.

The department has commended The department has commended to improve the conditions for children who are on the streets.

The first movement has always

attempt to improve the conditions for children who are on the streets.

The first movement has always stimulated home and school reform and the demand for more playgrounds. It may well be, as Charlotte Perkins Gilman has argued for years, that reorganizing the home will dispense with numerous adjuncts which literally crowd out children. Wash days are certainly hard on children. Why not let the children use the so-called-parlor or front room as a playroom on such days—indeed, every day? Nothing could be more useless than the parlor, generally crowded with stiff furniture and locked, while the children play in the gutters.

The use of the back yard, too often devoted to the needs of garbage, is as urgent as the conversion of the parlor into a playroom. Roof gardens are similarly possible. In the justly called "lung blocks," where tenements are jammed in, side to side, often sharing a party wall, a roof garden could run from end to end, thus restoring to the children nearly every inch of space the tenement took from them.

Children of Mothers Who Work.

New York. Heavy teaming has been excluded for years from avenues bearring the called for years from excluded for years from excluded for years from excluded for years from excluded for years from excluded. For Play Only."

Residential streets will, it is hoped. For Play Only."

Residential streets will, it is hoped. For Play Only."

Residential streets will, it is hoped. For Only."

Residential streets will, it is ho

one of the best equipped pleasure craft on the Potomac. Just before she sank she had been taken to Colonial Beach, and while lying there, it is stated, was stolen.

The thieves, after using her, anchored ther near Riverside on the Maryland placed well up on the walls, being reached by ladders. Cooking was evidently practiced on the roofs or in the corners, judging from the amount of goot on the walls, but there was little pretension among the dwellers for light, air or sanitation.

Had Over 200 Rooms.

Cliff Palace, the second of these important ruins, is nearly three times the size of Spruce Tree House, and has more than 200 rooms. It was repaired in 1909 and now presents a very respectable appearance to the visitor.

The thieves, after using her, anchored her mark and the Maryland side of the Maryland came either locked up in the house or locked out on the street may eventure the little craft dragged anchor upon the beach and filled.

When raised it was found that the hull was considerably damaged, and ally cost the state more than a pensions is side of the river. When the storm came the little craft dragged anchor upon the beach and filled.

When raised it was found that the hull was considerably damaged, and ally cost the state more than a pension. But what of a wage-earning widow who are either locked up in the house or locked out on the street may eventure the little craft dragged anchor upon the beach and filled.

When raised it was found that the hull was considerably damaged, and ally cost the state more than a pensions is due to a growing conviction that the children of a wage-earning widow who are either locked up in the house or locked out on the street may eventure the little craft dragged anchor upon the hull was considerably damaged, and ally cost the state more than a pensions is due to a growing conviction that the children of a wage-earning widow who are either locked up in the house or locked out on the street may eventure the hull was considerably damaged, and ally cost the state more than a pensions. Schooner Robert L. Bratton, 51 tons, from United States Marshal W. W. Schooner Robert L. Bratton, 51 tons, from United States Marshal W. W. Schooner Robert L. Brom, \$200.

An English airman recently looped the feat has been found

### THE TOMBOY.

SHOULD HAVE HE COURAGE

HANDS TO THE

IFE BOATS. GERMAN

UBMARINE OFF PORT

IDE AND THEY

URVIVING ALLY

SYMPATHIZERS









BATTERY "A."

Four new 3-inch field guns of the

lic yesterday by Battery A, Field Ar-

viewed by the President on the Monu-

battery of field artillery, but were no

## to is TO CELEBRATE OPENING OF NEW LIGHT SYSTEM

East Washington Citizens' Association Plans Auto Parade on the Avenue

between 2d street and the Pennsylvania riages given a new coat of drab paint, New York. Heavy teaming has been excluded for years from avenues bear- and thirty-gight gas lamps.

Avenue bridge in place of forty-five arc and with the harness all overhaules the battery made a very good appear and thirty eight gas lamps.
On 8th street it has installed fortysix incandescent lamps of similar size

in place of fifteen arc lamps, and on lith street fifty incandescent lamps in place of eighteen arc lamps.

The new lighting arrangement will review. This gave the men an opposite the place of the parade and review. This gave the men an opposite the place of the parade and review. This gave the men an opposite the parade and review. The new lighting arrangement will review. This gave the men an opportant the provided in the saddle and break in the green horses which review are the green horses which review of lamns two of them slows the

Transfers of Vessels. Transfers of vessel property employed in traffic on Chesapeake bay and its tributaries were recorded in the

lamps.

The Naval Gun Factory Band will furnish music along the line of the procession and at the hall upon the return of the officials and members of the association. There will be a pub-lic meeting in the hall about 8:30 o'clock, when speeches will be made and refreshments served.

It matters little what it is that you want—whether a situation or a servant a want ad in The Star will reach the berson who will fill your need.

It matters little what it is that you for pay clerks. There are now fifteen vacancies and may be more before Novacancies and may be more before Novaca

Miller, Misses E. Asnton, A. Kirby, B. Saunders, K. Pinckney, B. Smoot, Messrs. W. L. Mills and Lewis Nutt.

SCIENCE NOTES.

The meeting of the American Chemical Society, which was to have been held in Montreal in September, has been indefinitely postponed.

The Royal Society of Arts has received from R. Le Neve Foster £100 to found a prize in memory of his father, the late Peter Le Neve Foster.

The Munich School of Technology has conferred its doctorate of engineering on Dr. von Brill, professor of mathematics at Tubingen, and on Dr. Schwager of the geological survey.

Dr. Frederick H. Getman, associate professor of chemistry at Bryn Mawr

Before joining the local guard in its

Increased amount of illumination. Along Pennsylvania avenue there will be four rows of lamps, two of them along the outer curb lines and two along the outer lines of the parking in the center of the street. The posts are set in a staggered arrangement seventy feet apart and around the triangular parks formed by the intersection of streets.

Parade of Automobiles.

The celebration of the installation of the system the East Washington Citist East Washington Citist East Form and automobile parade.

It is planned to have the automobiles at the form and the processor of the war department, informed by the cared for by men employed by the War Department, one man being allowed for each four horses, but one of the caretakers, the War Department, one man being allowed for each four horses, but one of the caretakers, the War Department, one man being allowed for each four horses, but one of the caretakers, the War Department, one man being allowed for each four horses, but one of the caretakers, the War Department, one man being allowed for each four horses, but one of the caretakers, the War Department will furnish the shoes and necessary material for keeping the horses in first-class shape, but will not pay for any bills for shoeing that the differential velocities of the thorse shorts and fliaments, is theory being that the differential velocities of the various layers of the solar atmosphere set up vortices. These seen end-on are suit spots; floating lengthwise, appear as fliaments.

The Naval Gun Factory Band will

Sergt. John Hebrew re-enlisted Thurs-

Examination for Pay Clerks. The statutory board of the Washington navy yard is preparing a list of ques-

## OUTING CAMPS CLOSE; **VACATION PERIOD OVER**

Total of 1,100 Children and Mothers Benefited Past Summer-Baby Hospital Continues.

After giving 1,100 children and mothers a vacation of two weeks each this sum-mer, Camp Good Will, in Rock Creek Park, and Camp Pleasant, in Deanwood Heights, operated by the summer outings have closed for the season.

The Baby Hospital Camp, also operated by the Associated Charities, is still open, and will be kept open as long as the funds hold out, it was stated last night. Many of the babies there are so ill, it was said, that to have closed the camp and sent them back to the city would have been in many cases to send the babies back to die, or at least to lose the gain which they have made in the camp. Crowded Beyond Capacity.

The baby camp has been running beyond its capacity all summer long, and bathtub for a bed. Even now there is a waiting list of babies, all of whom should have been given the advantage of such a camp outing, and some are still coming to the camp whenever opportunity arises for them to get in. The babies cared for at the camp are under two years of age. Henry Lansburgh, who has taken a Henry Lansburgh, who has taken a great interest in the work of the baby camp, is conducting a coin card campaign of his own to help keep the opportunity open as long as possible. Next year it is planned to increase greatly the capacity, of the camp. Mothers as well as sick babies will be taken there and will be taught to keep their children well after they return home. The nurses of the Washington Diet Kitchen follow up during the year the babies that have been cared for at the camp in order to make their gain permanent.

the babies that have been cared for at the camp in order to make their gain permanent.

Party Given at Camp Pleasant.

Camp Pleasant, for the colored children and their mothers, located in Deanwood Heights, closed its camp season with a party given by a committee of men and women from the bureau of engraving and printing. There were games and races and good things to eat. Prizes were given to winners in the contests. The committee consisted of Mrs. Julia West Hamilton, Mrs. B. E. Fisher, Mrs. I. Devaul, Mrs. I. Letcher, Mrs. L. G. Walker, Mrs. G. Miller, Misses E. Ashton, A. Kirby, B. Saunders, K. Pinckney, B. Smoot, Miller, Mills and Lewis Nutt. Saunders, K. Pinckney, B. Smo-Messrs, W. L. Mills and Lewis Nutt.

Schwager of the geological survey.

ment grounds. Early in the summer the Bethlehem steel works organized a College, has resigned, and Dr. James L. Crenshaw has been appointed associate in physical chemistry. Dr. Crensupplied with guns by the federal government, so the District battery forwarded its guns to Tobyhanna, Pa, where they have been in constant use all summer. The hard treatment necessalized by the manufaction in the Pocone in Center College and in Princeton University. From 1911 to 1915 he has been research assistant in chemistry in the where they have been in constant use all summer. The hard treatment necessitated by the maneuvers in the Pecono low and Kutz and Maj. Pullman, superintendent of police, as guests, the East Washington Citizens' Association Wednesday night will celebrate the installation of the new lighting system on Pennsylvania avenue and Sth and 11th streets southeast.

The District electrical department has linstalled 288 100-candlepower incandescent lamps on Pennsylvania avenue between 2d street and the Pennsylvania Avenue bridge in place of forty-five arc lamps and with the harness all overhauled the hattery made a very good annear the carnestration of Washington Treatment necessitated by the maneuvers in the Pennsylvania avenue has all summer. The hard treatment necessitated by the maneuvers in the Pennsylvania avenue has all summer. The hard treatment necessitated by the maneuvers in the Pennsylvania avenue has all summer. The hard treatment necessitated by the maneuvers in the Pennsylvania avenue has all summer. The hard treatment necessitated by the maneuvers in the Pennsylvania avenue has all summer. The hard treatment necessitated by the maneuvers in the Pennsylvania will meet from December 28 to Decembation of the State University of Ohlo, at the same time with the meeting of the American Association for the Advancement of Science.

Dr. M. Standfuss and Dr. A. Querbain have been made honorary professors in the University of Zurich, the former in the Sustential of the University of Pennsylvania Museum, besides making important geographical discoveries along the boundary between Brazil and the Guianas, has obtained the hattery made a very good annear the part of the American Association will meet from December 28 to Decembation of the Carnelius ethnological information relative to twelve different tribes, half of which were hitherto entirely unknown, in-cluding vocabularies and other linguis-tic studies, anthropometric measure-ments, collections of myths and legends,

etc.
The Paris Academy of Medicine has accepted the legacy of Dr. M. Sigant of 8,000 francs, the interest of which will be used to establish a prize to be known as the Dr. Max Sigant prize. The prize will be awarded every two years for the best memoir on early diagnosis and the best treatment in cancer of the directive tract.

call to Gottingen.

Dr. James W. Jobling, formerly pathologist of the Michael Reese Hospital, has been appointed professor of pathology in the Vanderbilt University, Nashville, Tenn.

Prof. W. G. Duffield, in a lecture before the Royal Meteorological Society, on the Royal Meteorological Society, on the Sun," suggests that solar radiation is the cause of sun spots and filaments, his theory being that the differential velocities of the various layers of the solar atmospheres tup vortices. These seen end-on are sun spots; floating lengthwise, appear as filaments.

The eighth meeting of the Italian Society for the Advancement of Science will be held at Bari, October 8 to 13, under the presidency of Prof. Camillo Galgi.

The Weber-Parkes prize of the Powel.

under the presidency of role Camino Galgi.

The Weber-Parkes prize of the Royal College of Physicians for 1915 has been awarded to Dr. Noel Dean Bardswell.

Prof. W. S. Eichelberger, director of the United States Nautioal Almanac office, United States Naval Observatory, has been elected one of the councilors of the American Astronomical Society.

Nitrate of sodium crystals as clear as the best glass have been made by a Parislan scientist.

CITY ITEMS.

ortfolios. Schmidt, 719-21 13th st

Charlie Chaplin daily, Virginia, 102 9th

There is nothing in Washington's obile history more expressive of he modern motor trend than the rapid growth of the new District of Columbia Automobile Club, which has headquarers in the Riggs building.

That there was urgent need of a sub-stantial body to provide a comprehensive touring service and to provide organized expression for the motorist is ganized expression for the motorist is clearly shown in the success attending the launching of the club. Although still in its metaphorical swaddling clothes, the new organization is hundreds ahead in membership of any of

ts predecessors.

its predecessors.

Proof of the stability of the movement is seen in the wide scope of its membership and its activities. Comparatively few of the members are actively identified with the trade. It is essentially an owner's organization and directing its energies solely to increase his pleasure and to minimize his legislative and road trials.

Motorists from every walk of life are enrolled in its work. Men high in the councils of the federal government have joined. The distinctive emblem denoting membership in the A. A. A. and the local club shines from the radiators of the White House cars. Generals and majors of our army have motoring fraternity with the admirals and captains of our navy. The judiclary, too, is found to be prominently identified with it, while those from social and professional ranks number thousands.

District motorists are particularly fortunate in that the national head-quarters of the American Automobile Association is located here. This makes possible the most thorough kind of touring service—a service so authentic and so adequate that a member may start from his home for most any point in the country and have such complete route data that he can go through without further hunt for roads information. Upon the touring bureau, particularly in Washington, depends the success of such a club. Too often it has been proven that there is little permanency attached to a club whose main hold on its members is purely a social one. There must be real service, and this is the basis on which the A. A. A. District of Columbia Club was founded.

Following this fundamental, E. L. Perguson was placed at the head of the touring bureau. Mr. Ferguson organized the Glidden tours and has directed endurance runs and reliability tours.

Seven double transcontinental trips have given the touring director of the local club familiarity with out-of-the-

Seven double transcontinental trips have given the touring director of the local club familiarity with out-of-the-way roads. He has an intimate knowledge of all of the prominent automobile trails of America.

One of the first services rendered local motorists by the District club was the publication of a map charting all of the roads in the Washington-Hagerstown-Baltimore district. Not only were all of the highways shown, but their condition was easily read by reference to the legend. Different lines were used to indicate "main road—good," "main road—poor," "secondary road" and "poor road." Using this map, numerous short trips could be planned with reference to roads conditions.

Lincoln highway, and the unusual con-ditions obtained because of incessant

Since formation of the local automo-

bile club was commenced many of the pioneers of local motordom have made application and have been elected to membership. But it was last Tuesday that the pioneer of pioneers joined the

Tanks.

The latest of the "old timers" to take out a membership in the newly formed organization was "Bill" Jose, perhaps the most widely known individual identified with local motoring affairs since the inception of the automobile. "I hadn't the remotest idea there

were so many continuous miles of per-fect road in the United States as I fect road in the United States as I encountered on my tour to Washington," said C. J. Peterson of Chicago, who, accompanied by F. A. Anderson of the same city, motor toured to this city via northern Ohio, central New York, the New England circuit, the Jersey coast resorts and Philadelphia.

Mr. Peterson and Mr. Anderson are members of the Chicago Motor Club, which is affiliated with the District organization, and called at local club headquarters for a route home via Frederick, Gettysburg and the Lincoln highway.

lighway.

To Land of the Sky, September 4. 15-day trip, \$10. Southern Railway.— Advertisement.

## ARMY—NAVY.

Army Orders.

Mai. Marcellus G. Spink, Coast Artil-

granted Col. George A. Dodd, cavalry.
Maj. Gordon G. Heiner, Coast Artillery Corps, is relieved from duty as fort commander, Fort Banks, Mass., and will report to the commanding general, south Atlantic coast artillery district, for duty on his staff.
Capt. Marion S. Battle, Coast Artillery Corps, is relieved from the 69th Company and will report to the commanding general, south Atlantic coast artillery district, for duty on his staff.

TYOUR EYES

M. A. LEESE Optical Co.